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| U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use several sheets if necessary) (PTO-1449) | ATTY. DOCKET NO. 1819/100111 | SERIAL NO. 09/692,923 |
| | APPLICANT Francisco Hideki Imai and Roy Stephen Berns | |
| | FILING DATE October 20, 2000 | GROUP ART UNIT To Be Assigned |
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U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPRO- PRIATE |
|---------------------|----|--------------------|----------|------------------|-------|----------|--|
| TO H | 1 | 3,684,824 | 8/15/72 | Koenig | | | |
| | 2 | 3,714,875 | 2/6/73 | Yost, Jr. | | | |
| | 3 | 3,720,146 | 3/13/73 | Yost, Jr. | | | |
| | 4 | 3,758,707 | 9/11/73 | Keller et al. | | | |
| | 5 | 3,785,812 | 1/15/74 | Matsumoto | | | |
| | 6 | 3,796,826 | 3/12/74 | Kerr | | | |
| | 7 | 3,806,633 | 4/23/74 | Coleman | | | |
| | 8 | 3,922,714 | 11/25/75 | Delavie | | | |
| | 9 | 3,975,748 | 8/17/76 | Green et al. | | | |
| | 10 | 4,086,616 | 4/25/78 | Catano et al. | | | |
| | 11 | 4,134,683 | 1/16/79 | Goetz et al. | | | |
| | 12 | 4,215,273 | 7/29/80 | Stokes et al. | | | |
| | 13 | 4,220,701 | 9/2/80 | Robillard | | | |
| | 14 | 4,229,754 | 10/21/80 | French | | | |
| TO H | 15 | 4,282,527 | 8/4/81 | Winderman et al. | | | |

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| TJH | 16 | 4,285,009 | 8/18/81 | Klopsch | | | |
| | 17 | 4,328,515 | 5/4/82 | Wellendorf | | | |
| | 18 | 4,393,399 | 7/12/83 | Gast et al. | | | |
| | 19 | 4,402,611 | 9/6/83 | Yuasa | | | |
| | 20 | 4,402,704 | 9/6/83 | Raisin et al. | | | |
| | 21 | 4,463,380 | 7/31/84 | Hooks, Jr. | | | |
| | 22 | 4,464,677 | 8/7/84 | Kuhn et al. | | | |
| | 23 | 4,476,487 | 10/9/84 | Klie et al. | | | |
| | 24 | 4,577,219 | 3/18/86 | Klie et al. | | | |
| | 25 | 4,596,930 | 6/24/86 | Steil et al. | | | |
| | 26 | 4,599,001 | 7/8/86 | Richard | | | |
| | 27 | 4,642,778 | 2/10/87 | Hieftje et al. | | | |
| | 28 | 4,648,057 | 3/3/87 | Wagstaff et al. | | | |
| | 29 | 4,709,144 | 11/24/87 | Vincent | | | |
| TJH | 30 | 4,758,075 | 7/19/88 | Hatano | | | |

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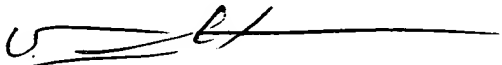
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| TOH | 31 | 4,794,398 | 12/27/88 | Raber et al. | | | |
| | 32 | 4,866,454 | 9/12/89 | Droessler et al. | | | |
| | 33 | 4,806,750 | 2/21/89 | Vincent | | | |
| | 34 | 4,925,420 | 5/15/90 | Fourche et al. | | | |
| | 35 | 4,982,150 | 1/1/91 | Silverstein et al. | | | |
| | 36 | 5,067,158 | 11/19/91 | Arjmand | | | |
| | 37 | 5,072,109 | 12/10/91 | Aguilera, Jr. et al. | | | |
| | 38 | 5,068,597 | 11/26/91 | Silverstein et al. | | | |
| | 39 | 5,109,276 | 4/28/92 | Nudelman et al. | | | |
| | 40 | 5,149,972 | 9/22/92 | Fay et al. | | | |
| | 41 | 5,164,858 | 11/17/92 | Aguilera, Jr. et al. | | | |
| | 42 | 5,200,838 | 4/6/93 | Nudelman et al. | | | |
| | 43 | 5,248,977 | 9/28/93 | Lee et al. | | | |
| | 44 | 5,265,172 | 11/23/93 | Markandey et al. | | | |
| TOH | 45 | 5,289,295 | 2/22/94 | Yumiba et al. | | | |

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| TJH | 46 | 5,300,777 | 4/5/94 | Goodwin | | | |
| | 47 | 5,300,778 | 4/5/94 | Norkus et al. | | | |
| | 48 | 5,319,472 | 6/7/94 | Hill et al. | | | |
| | 49 | 5,371,542 | 12/6/94 | Pauli et al. | | | |
| | 50 | 5,400,169 | 3/21/95 | Eden | | | |
| | 51 | 5,420,704 | 5/30/95 | Winkelman | | | |
| | 52 | 5,479,255 | 12/26/95 | Denny et al. | | | |
| | 53 | 5,479,258 | 12/26/95 | Hinnrichs et al. | | | |
| | 54 | 5,513,128 | 4/30/96 | Rao | | | |
| | 55 | 5,535,314 | 7/9/96 | Alves et al. | | | |
| | 56 | 5,539,517 | 7/23/96 | Cabib et al. | | | |
| | 57 | 5,543,940 | 8/6/96 | Sherman | | | |
| | 58 | 5,568,186 | 10/22/96 | Althouse | | | |
| | 59 | 5,572,607 | 11/5/96 | Behrends | | | |
| TJH | 60 | 5,668,890 | 9/16/97 | Winkelman | | | |

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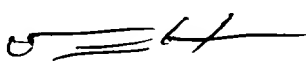
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| TJH | 61 | 5,680,150 | 10/21/97 | Shimizu et al. | | | |
| | 62 | 5,724,135 | 3/3/98 | Bernhardt | | | |
| | 63 | 5,729,465 | 3/17/98 | Barbaresco | | | |
| | 64 | 5,731,621 | 3/24/98 | Kosai | | | |
| | 65 | 5,760,899 | 6/2/98 | Eismann | | | |
| | 66 | 5,781,336 | 7/14/98 | Coon et al. | | | |
| | 67 | 5,838,938 | 11/17/98 | Morgan | | | |
| | 68 | 5,850,418 | 12/15/98 | Van De Kerkhof | | | |
| | 69 | 5,864,364 | 1/26/99 | Ohyama et al. | | | |
| | 70 | 5,887,082 | 3/23/99 | Mitsunaga et al. | | | |
| | 71 | 5,889,554 | 3/30/99 | Mutze | | | |
| | 72 | 5,900,942 | 5/4/99 | Spiering | | | |
| | 73 | 5,915,036 | 6/22/99 | Grunkin et al. | | | |
| | 74 | 5,915,279 | 6/22/99 | Cantrall et al. | | | |
| TJH | 75 | 5,920,399 | 7/6/99 | Sandison et al. | | | |

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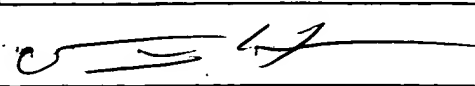
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| TOH | 76 | 5,923,049 | 7/13/99 | Böhm et al. | | | |
| | 77 | 5,926,282 | 7/20/99 | Knobloch et al. | | | |
| | 78 | 5,926,283 | 7/20/99 | Hopkins | | | |
| TOH | 79 | 5,929,985 | 7/27/99 | Sandison et al. | | | |
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| TOH | 80 | Ohta, "Colorimetric Analysis in the Design of Color Films: A Perspective," <u>Journal of Imaging Science and Technology</u> , 36:63-72 (1992). |
| | 81 | Saunders et al., "Image Processing at the National Gallery: The VASARI Project," National Gallery Technical Bulletin, 14:72-85(1993). |
| | 82 | Hunt, "Objectives in Colour Reproduction," <u>The Reproduction of Colour</u> , 5 th ed., England:Fountain Press, Chapter 11, pp. 222-242 (1995). |
| | 83 | Burns, "Analysis of Image Noise in Multispectral Color Acquisition," Ph.D. Dissertation, Rochester Institute of Technology, pp. 1-178 (1997). |
| | 84 | Overheads used in presentation of "Multi-Spectral-Based Color Reproduction Research" at the Munsell Color Science Laboratory, Rochester Institute of Technology, Rochester, New York (1998). Not Distributed. |
| | 85 | Overheads used in presentation of "High-Resolution Multi-Spectral-Based Archives-A Hybrid Approach" at the Munsell Color Science Laboratory, Rochester Institute of Technology, Rochester, New York (1998). Not Distributed. |
| TOH | 86 | König et al., "The Practice of Multispectral Image Acquisition," <u>International Symposium on Electronic Capture and Publishing, Proc. SPIE</u> , 3409:34-41 (1998). |
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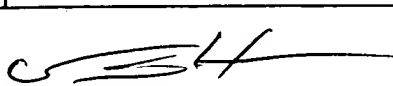
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| | 88 | Imai et al., "High-Resolution Multi-Spectral Image Archives: A Hybrid Approach," <u>Final Program and Proceedings of IS & T/SID</u> , pp. 224-227 (1998). |
| | 89 | Imai et al., "Spectral Estimation Using Trichromatic Digital Cameras," <u>International Symposium on Multispectral Imaging And Color Reproduction for Digital Archives</u> , pp. 42-49 (1999). |
| | 90 | Imai et al., "A Comparative Analysis of Spectral Reflectance Reconstruction in Various Spaces Using a Trichromatic Camera System," <u>Final Program and Proceedings of IS&T and SID</u> , pp. 21-25 (1999). |
| TOH | 91 | Imai et al., "A Comparative Analysis of Spectral Reflectance Estimated in Various Spaces Using a Trichromatic Camera System," <u>Journal of Imaging Science and Technology</u> , 44:280-287 (2000). |
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